

**Amendment  
in the Claims**

1-113. (canceled).

114. (currently amended) A recombinant viral vector comprising: a viral capsid fusion protein ~~proteins enclosing a polynucleotide~~, wherein ~~one or more of the viral capsid fusion protein comprises~~ proteins comprise an organelle localization signal operably linked to a protein transduction domain operably linked to an organelle localization signal.

115. (cancelled).

116. (previously presented) The recombinant viral vector according to claim 114, wherein the recombinant viral vector is a recombinant bacteriophage.

117. (currently amended) The recombinant viral vector according to claim ~~[[114]]~~ 116, wherein the viral capsid fusion protein ~~organelle localization signal operably linked to the protein transduction domain~~ is expressed on an exterior surface of the bacteriophage vector.

118. (previously presented) The recombinant viral vector according to claim 114, wherein the vector is a virus particle.

119. (currently amended) The recombinant viral vector according to claim 114, further comprising a ~~wherein the polynucleotide encodes~~ encoding a mitochondrial protein, a chloroplast protein, heterologous polypeptide, siRNA or antisense nucleic acid specific for mitochondrial or chloroplast mRNA.

120. (cancelled).

121. (previously presented) A cell comprising the recombinant vector according to claim 114.

122.-127. (cancelled).

128. (currently amended) The recombinant viral vector of claim 114 wherein the ~~one or~~ ~~more~~ viral capsid protein[[s]] is gpD.

129. (new) The recombinant viral vector of claim 114 wherein the organelle localization signal is a mitochondrial localization signal.

130. (new) The recombinant viral vector of claim 129 wherein the mitochondrial localization signal is the mitochondrial localization signal of subunit VIII of human cytochrome oxidase.

131. (new) The recombinant viral vector of claim 114 wherein the organelle localization signal is a chloroplast localization signal.

132. (new) The recombinant viral vector of claim 114 wherein the protein transduction domain comprises at least 8 arginine residues.

133. (new) A fusion protein comprising three elements fused together, the three elements selected from the group consisting of a protein transduction domain, an organelle localization signal, and a viral capsid protein.

134. (new) The fusion protein of claim 133 wherein the organelle localization signal is a mitochondrial localization signal.

135. (new) The fusion protein of claim 134 wherein the mitochondrial localization signal is the mitochondrial localization signal of subunit VIII of human cytochrome oxidase.

136. (new) The fusion protein of claim 133 wherein the organelle localization signal is a chloroplast localization signal.

137. (new) The fusion protein of claim 133 wherein the protein transduction domain comprises at least 8 arginine residues.

138. (new) The recombinant viral vector of claim 133 wherein the viral capsid protein is gpD.

139. (new) A viral vector comprising the fusion protein of claim 133.